



ManKocide® SUPPLEMENTAL LABELING

FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF IDAHO

ManKocide®

EPA Reg. No. 1812-360

EPA SLN No. ID-020016

FOR USE ON CARROTS GROWN FOR SEED TO PREVENT BACTERIAL BLIGHT

ACTIVE INGREDIENTS

Mancozeb, a coordination product of zinc ion and manganese ethylenebisdithiocarbamate.....	15.0%
in which the ingredients are	
Manganese.....	3.0%
Zinc.....	0.4%
Ethylenebisdithiocarbamate ion (C ₄ H ₆ N ₂ S ₄).....	11.6%
Copper Hydroxide (Metallic Copper Equivalent - 30%)	46.1%
INERT INGREDIENTS	38.9%
TOTAL	100.0%

DANGER - PELIGRO

DIRECTIONS FOR USE: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Instructions for Control of Bacterial blight (*Xanthomonas campestris*)

Timing and Frequency of Application: Apply prior to conditions conducive to infection, such as precipitation, overhead irrigation, and frost and winds strong enough to create plant wounding via blown sand and dirt. Repeat applications on a 7-14 day interval depending on plant growth and disease pressure. Early treatment in the seedling-to-4 leaf stage may protect against early spread and establishment.

ManKocide is a protective material and should be applied prior to establishment of infections. ManKocide will not eradicate infections which are already established, but will provide partial protection from establishment of new infections. Thus, its use even after disease is established may prevent or delay further disease development.

Application Rate and Directions: Apply 2.5 lbs product per acre. Dilution rate should be adequate to provide thorough coverage of all leaf and stem tissue. For optimal disease control, arrange nozzles and adjust gallage to ensure excellent coverage of both sides of leaves and of stems. This

product may be applied either as a dilute or concentrate spray using ground or aerial equipment. For a typical boom sprayer use approximately 25-50 gallons of water/acre, and 10-20 gallons per acre for aerial applications.

Add ManKocide slowly to water in the spray tank with agitation, or premix thoroughly in separate holding tank for concentrate or aircraft sprayers. Continuous agitation is recommended to keep the product in suspension. If needed, adjuvants of the spreader, sticker, or compatibility agent type that are approved for use on growing crops may be used.

During aerial application, human flaggers must be in enclosed cabs.

SPECIAL PRECAUTIONS

- ❖ **ManKocide should not be applied** in a spray solution having a pH of less than 6.5 as phytotoxicity may occur.
- ❖ This product may be reactive on masonry and metal surfaces such as galvanized roofing. Avoid contact with metal surfaces. Do not spray on cars, houses, lawn furniture, etc.
- ❖ Environmental conditions such as extended periods of wet weather, acid rain, etc. which alter the pH of the leaf surface may affect the performance of ManKocide resulting in possible phytotoxicity or loss of effectiveness.
- ❖ Pesticides may perform in an unpredictable manner when tank mixed especially where several products are involved. Reduced effect on pests or crop injury may occur. Unless recommended on this label or by a state/local expert, or the user has small scale direct experience, tank mixing should not be undertaken.
- ❖ **Do not** apply this product via chemigation.
- ❖ Mixing of this product with products containing diazinon, fosetyl-al or other aluminum containing products, or thiophanate-methyl is not recommended because of physical incompatibility.
- ❖ It must be determined in the selection process if proper application equipment is available and if the waste associated with its use can be properly handled. Materials used in the construction of application equipment is also an important factor as pesticides are often reactive with soft metals such as aluminum and even some synthetic materials such as plastics, rubbers, etc. Therefore it is necessary when working with equipment containing these materials that they are thoroughly flushed with clean water after each days use.

NOTE: This labeling must be in the possession of the user at the time of pesticide application. Follow all applicable directions, restrictions, and precautions on the EPA-registered label. This labeling contains supplemental instructions and restrictions for use of this product which may not appear on the package label. Follow the instructions carefully.

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